

Product Data Sheet

Product Name: α -cis-Bergamotene

Cat. No.: GC81779

Chemical Properties

Cas. No. 18252-46-5

Formula $C_{15}H_{24}$

M.Wt 204.35

Solubility

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

α -cis-Bergamotene is a sesquiterpene compound. α -cis-Bergamotene exhibits no antennal activity [1] [2].

In Vitro, α -cis-bergamotene does not induce electrophysiological responses in the antennae of the

Caution: Product has not been fully validated for medical applications. For research use only.

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psyllid *Trioza apicalis* Förster^[1].

References:

[1]. Rahmani R, et al. Identification of sesquisabinene B in carrot (*Daucus carota* L.) leaves as a compound electrophysiologically active to the carrot psyllid (*Trioza apicalis* Förster)[J].

Chemoecology, 2019, 29(3): 103-110.

[2]. Derguini F, et al. Synthesis of (–)- α -CIS-Bergamotene. An Efficient Prenylation Procedure[J].
Synthetic Communications, 1981, 11(10): 859-864.

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